

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A reciprocating compressor, comprising:
a reciprocating motor disposed in a casing, and ~~generating~~ configured to generate
a driving force;
a compression unit ~~for sucking, compressing, and discharging~~ configured to suck,
compress, and discharge gas by the driving force of the reciprocating motor;
a resonant spring unit ~~for providing~~ configured to provide a reciprocating
movement of the reciprocating motor with a resonant movement; and
at least two spring supporting frames ~~by which~~ configured to support the resonant
spring unit ~~is supported~~, wherein one of the spring supporting frames is inserted into
another of the spring supporting frames. ~~spring supporting frame for being coupled with~~
~~each other.~~

2. (Currently Amended) The compressor of claim 1, wherein the at least two
spring supporting frames are coupled ~~with~~ to each other by welding.

3. (Currently Amended) The compressor of claim 1, wherein the at least two
spring supporting frames ~~comprises~~ comprise:

a first frame ~~for supporting~~ configured to support a first spring of the resonant
spring unit, which is shrunk in a compression operation of a piston of the compression
unit, together with a spring seat panel connected with the piston; and

a second frame ~~for supporting~~configured to support a second spring of the resonant spring unit, which is shrunk in a suction operation of the piston, together with the spring seat panel.

4. (Original) The compressor of claim 3, wherein the first frame comprises:

a disc shaped first spring supporting portion on which the first spring is supported, and

a first cylindrical portion extended from an outer circumference of the first spring supporting portion toward the second frame; and

the second frame comprises:

a disc shaped second spring supporting portion on which the second spring is supported, and

a second cylindrical portion extended from an outer circumference of the second spring supporting portion toward the first frame, and inserted at an inner circumferential surface of the first cylindrical portion of the first frame.

5. (Original) The compressor of claim 4, wherein an end of the first cylindrical portion and an outer circumferential surface of the second cylindrical portion are engaged by welding.

6. (Currently Amended) The compressor of claim 3, wherein the first frame comprises:

a disc shaped first spring supporting portion by which the first spring is supported, and

a first cylindrical portion extended from an outer circumference of the first spring supporting portion toward the second frame; and

the second frame comprises:

a disc shaped second spring supporting portion by which the second spring is supported, and

a second cylindrical portion extended from an outer circumference of the second spring supporting portion toward the first frame, and

wherein the first cylindrical portion is inserted into an inside of the second cylindrical portion.

7. (Original) The compressor of claim 6, wherein an end of the second cylindrical portion and an outer circumferential surface of the first cylindrical portion are engaged by welding.